

1. A photosensitive imaging apparatus, comprising:
  - a first set of photosensors;
  - a first light-transmissive filter for admitting light of orange and longer wavelengths to the first set of photosensors; and
  - an infrared filter for blocking light of a substantially orange wavelength and higher wavelengths to the first set of photosensors.
2. The apparatus of **claim 1**, the first filter having a plateau of effective transparency at about 620nm and longer wavelengths.
3. The apparatus of **claim 1**, the first filter being substantially opaque for about 575nm and shorter wavelengths.
4. The apparatus of **claim 1**, the first filter and the infrared filter having a combined response which peaks at about 620nm.
5. The apparatus of **claim 1**, further comprising a second set of photosensors, having associated therewith a second light-transmissive filter for admitting light of a second primary color.